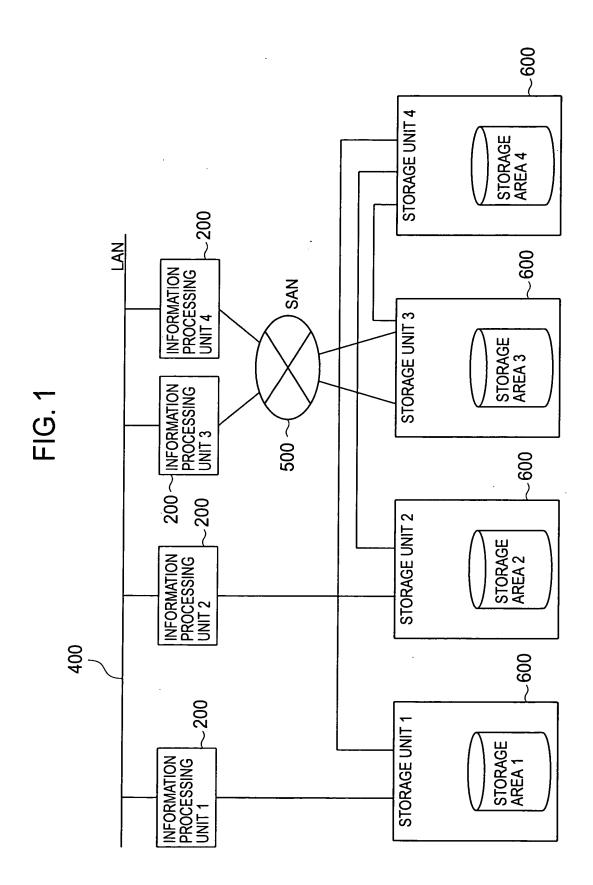
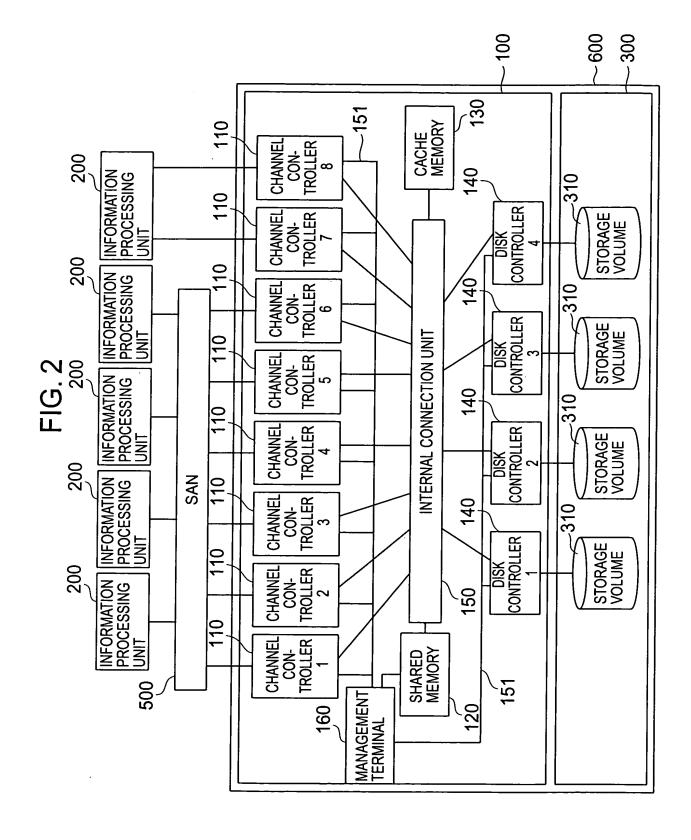
W





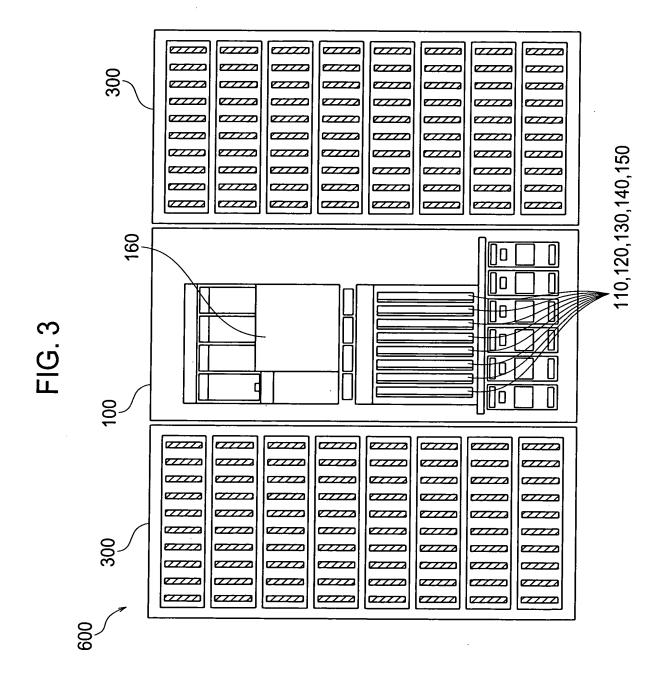


FIG. 4

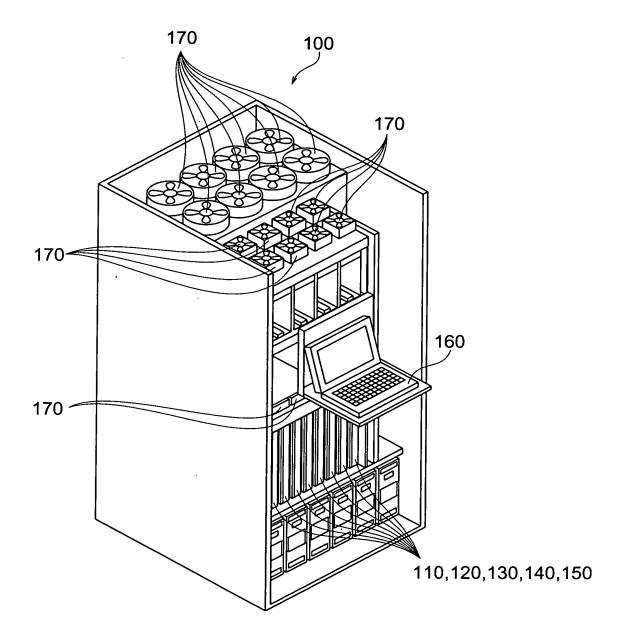


FIG. 5

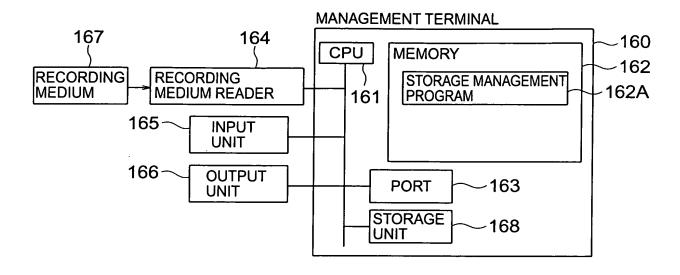


FIG. 6

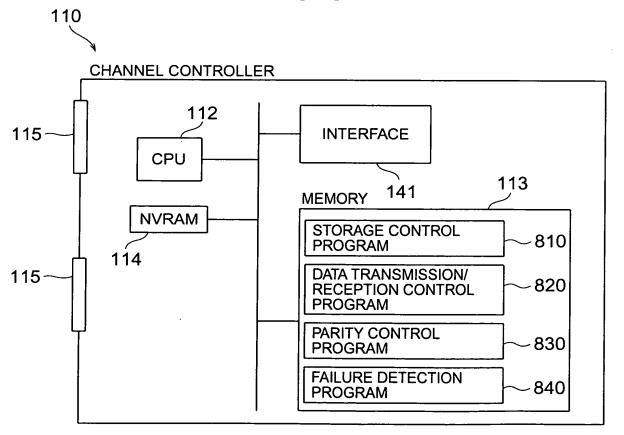


FIG. 7

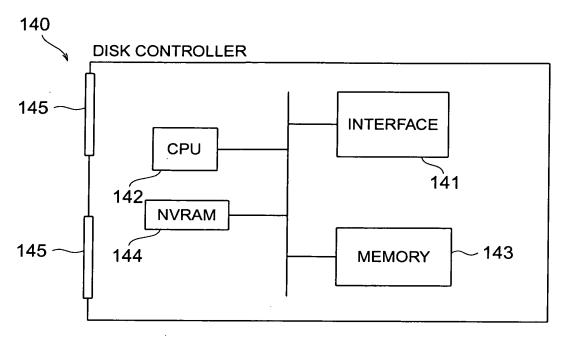


FIG. 8 200 INFORMATION PROCESSING UNIT CPU -210 270 240 -220 **MEMORY** RECORDING RECORDING MEDIUM MEDIUM READER **PROGRAM** -220A 250-**INPUT** UNIT -230 **PORT** 260-OUTPUT **UNIT** STORAGE UNIT -280

FIG. 9

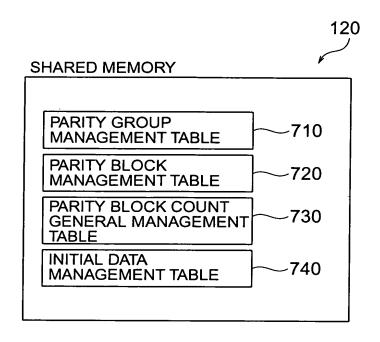


FIG. 10

	710	
PARITY GROUP N	MANAGEMENT TABLE	
DATA STORING STORAGE UNIT	STORAGE UNIT 1, STORAGE UNIT 2, STORAGE UNIT 3	
PARITY STORING STORAGE UNIT	STORAGE UNIT 4	

FIG. 11

720

730

PARITY BLOCK MANAGEMENT TABLE

TAKITT BEOOK WANDEWELT TABLE					
PARITY BLOCK LENGTH = 512 BYTES					
NUMBER OF PAR	RITY BLOCKS = 800000				
LOGICAL VOLUME NUMBER	FIRST PARITY BLOCK NUMBER				
0000	0				
0001 4096					
0002 16384					
0003 40000					
0004 81920					
:	:				

FIG. 12

PARITY BLOCK COUNT GENERAL MANAGEMENT TABLE

GENERAL WANAGEWENT TABLE				
STORAGE UNIT	NUMBER OF PARITY BLOCKS			
STORAGE UNIT 1	500000			
STORAGE UNIT 2	600000			
STORAGE UNIT 3	700000			
STORAGE UNIT 4	800000			

FIG. 13A

FIG. 13B

740 INITIAL DATA MANAGEMENT TABLE					
STORAGE UNIT	RECALCULATION				
STORAGE UNIT 1	OFF				
STORAGE UNIT 2	OFF				
STORAGE UNIT 3	ON				
:	i				

		740
INITIAL DATA M	ANAGEMENT TA	BLE
STORAGE UNIT	RECALCULATION	RECALCULATION
STORAGE UNIT 1	OFF	
STORAGE UNIT 2	OFF	
STORAGE UNIT 3	ON	123456
:	:	:

FIG. 13C

740	INITIAL D	ΑΤΔ
	MANAGEMEN	

STORAGE UNIT	RECALCULATION
STORAGE UNIT 1	OFF
STORAGE UNIT 2	OFF
STORAGE UNIT 3	ON
:	:

PARITY BLOCK NUMBER	RECALCULATION COMPLETED
0	COMPLETED
1	NOT COMPLETED
2	COMPLETED
:	:
699999	COMPLETED

FIG. 14

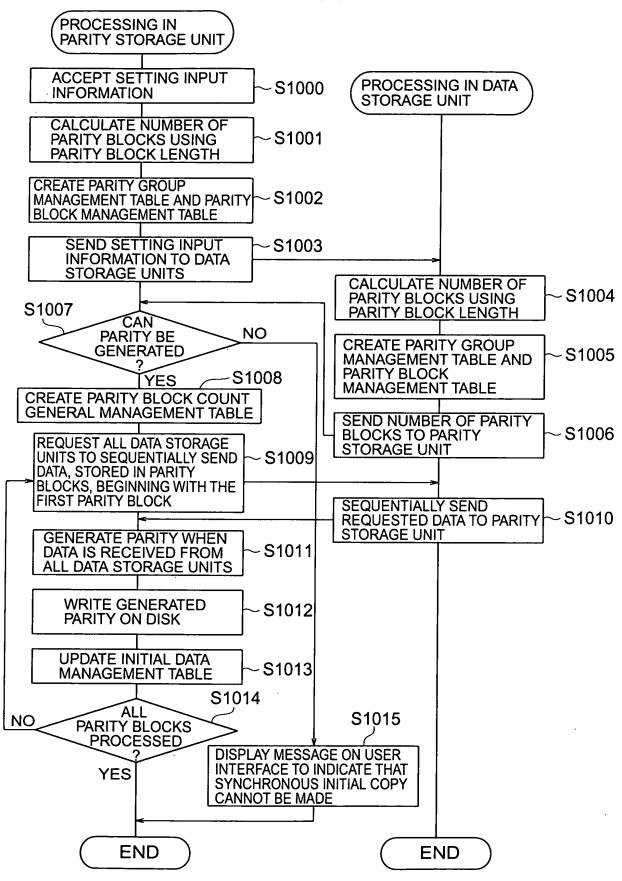


FIG. 15

SYNCHRONOUS SYSTEM PAR	ITY GROUP SETTING	SCREEN	
PARITY BLOCK LENGTH	512 B	YTES	
PARITY GROUP CONFIGURING STORAGE UNITS	STORAGE UNIT 1 STORAGE UNIT 2 STORAGE UNIT 3		
PARITY DATA STORING STORAGE UNIT	STORAGE UNIT 4		
INITIALIZATION METHOD	SEQUENTIAL		
		ОК	Cancel

FIG. 16A

5	RAGE UNIT	CK LENGTH S	FIRST PB#	0	4096	16384	40000	81920	••	
) - -	PARITY STORAGE UNIT	= 512 BYTES	STORAGE VOL#	0000	0001	0005	0003	0004	• •	

FIG. 16C

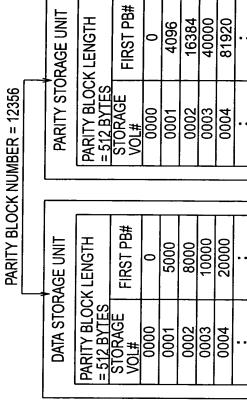
AGE UNIT	PARITY BLOCK LENGTH = 512 BYTES	FIRST PB#	0	2000	8000	10000	20000	• •
DATA STORAGE UNIT	= 512 BYTE	STORAGE VOL#	0000	0001	0005	0003	0004	••

PARITY BLOCK LENGTH
= 512 BYTES
STORAGE FIRST PB#
VOL#
0000 0
16384
0002 16384
0003 40000
0003 40000 PARITY STORAGE UNIT

FIG. 16D

PARITY BLOCK LENGTH = 512 BYTES

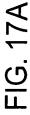
FIG. 16B



FIRST PB#

16384

81920



PARITY STORAGE UNIT	PARITY BLOCK LENGTH = 512 BYTES	FIRST PB#	0	4096	16384	40000	81920	••
PARITY STO	PARITY BLO = 512 BYTE	STORAGE VOL#	0000	0001	0005	0003	0004	••

FIG. 17B

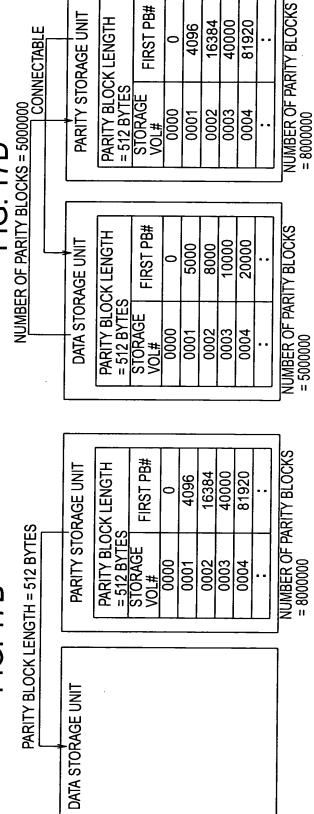
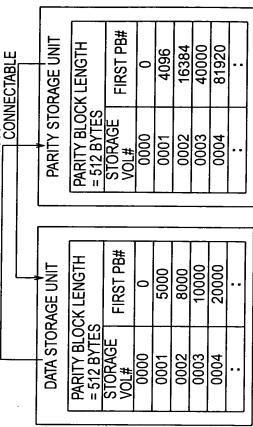


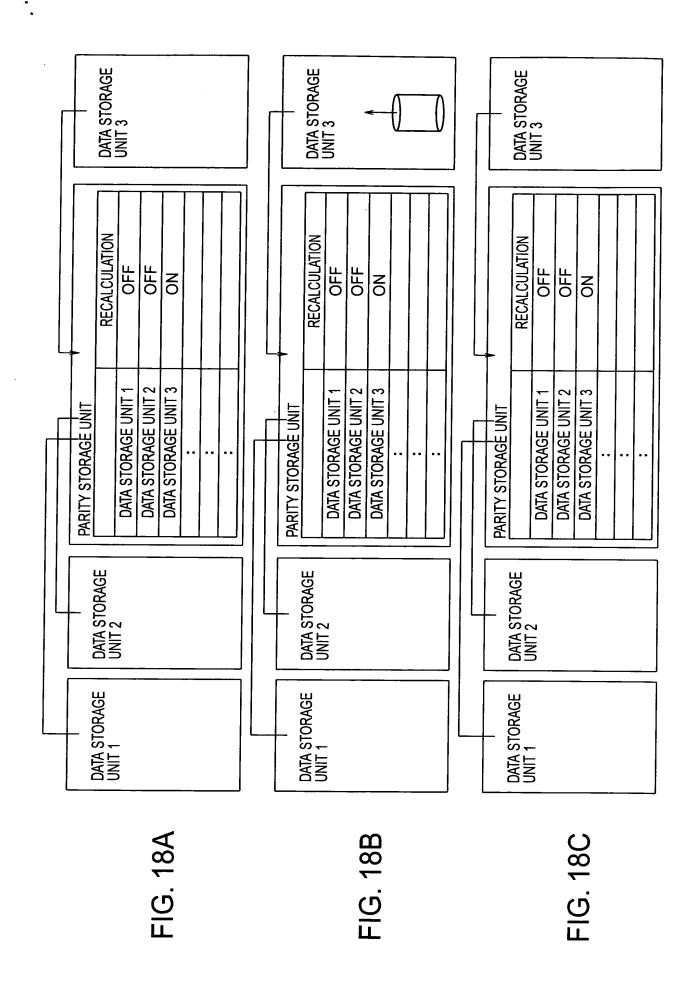
FIG. 17C

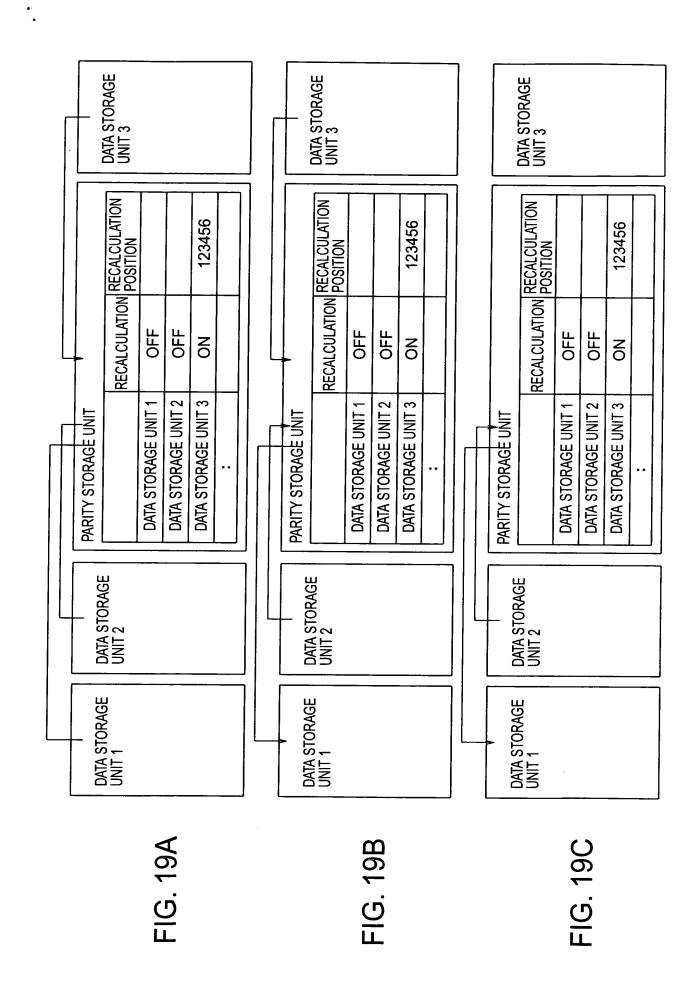
	-							
RAGE UNIT	PARITY BLOCK LENGTH = 512 BYTES	FIRST PB#	0	4096	16384	40000	81920	•
PARITY STORAGE UNIT	PARITY BLO = 512 BYTE	STORAGE VOL#	0000	0001	0005	0003	0004	••
					-			
				-				
GE UNIT	CK LENGTH S	FIRST PB#	0	2000	8000	10000	20000	••
DATA STORAGE UNIT	PARITY BLOCK LENGTH = 512 BYTES	STORAGE VOL#	0000	0001	2000	0003	0004	••

OCKS	
RITY BL	
OF PAR	0
UMBER	= 500000

FIG. 17D







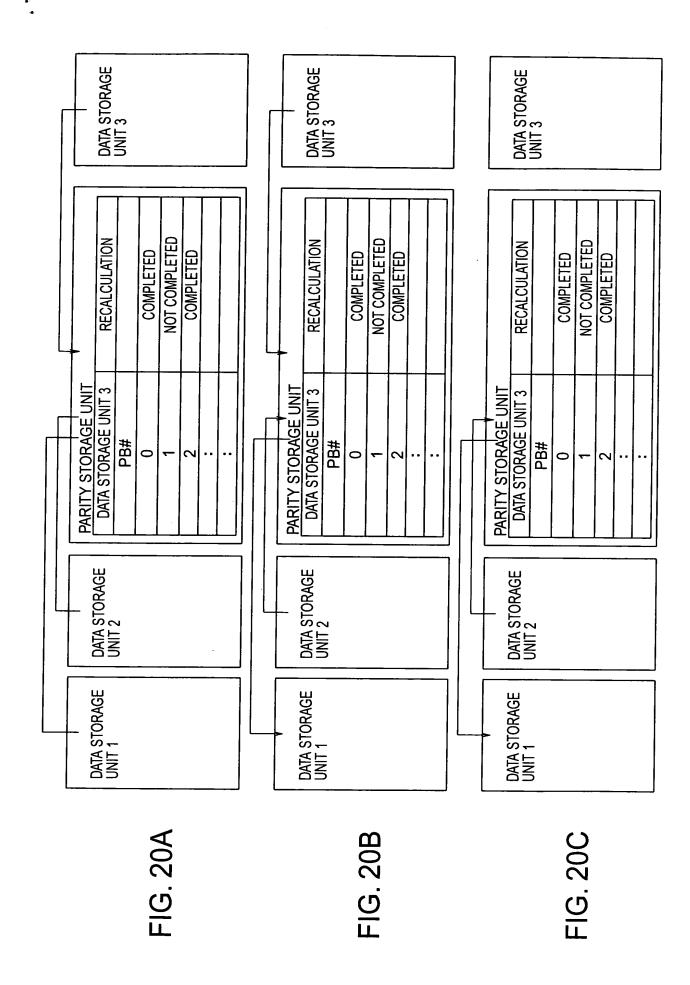
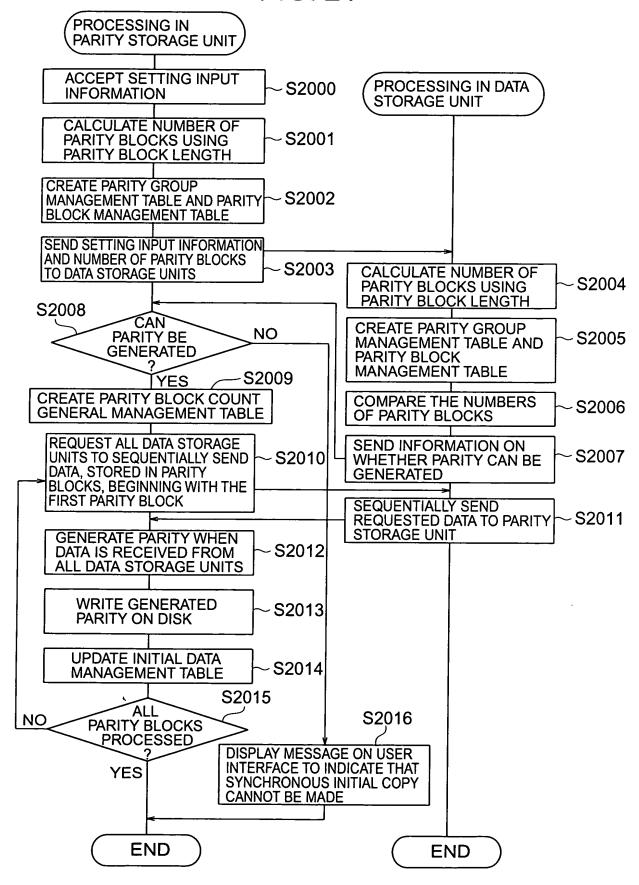


FIG. 21



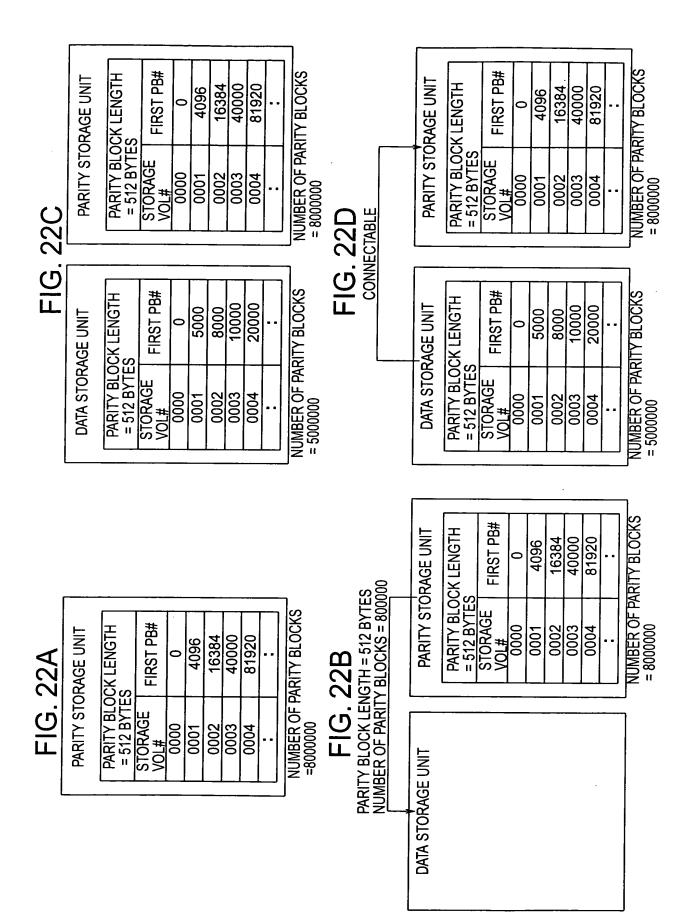


FIG. 23

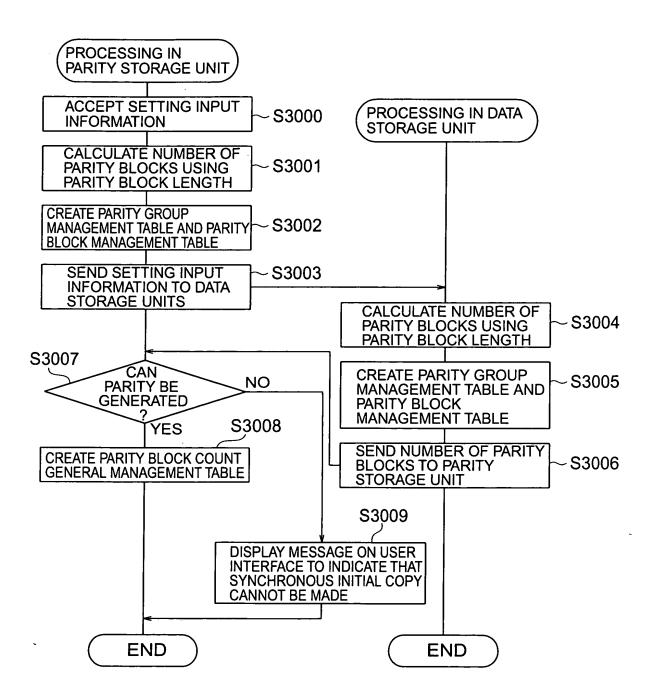


FIG. 24

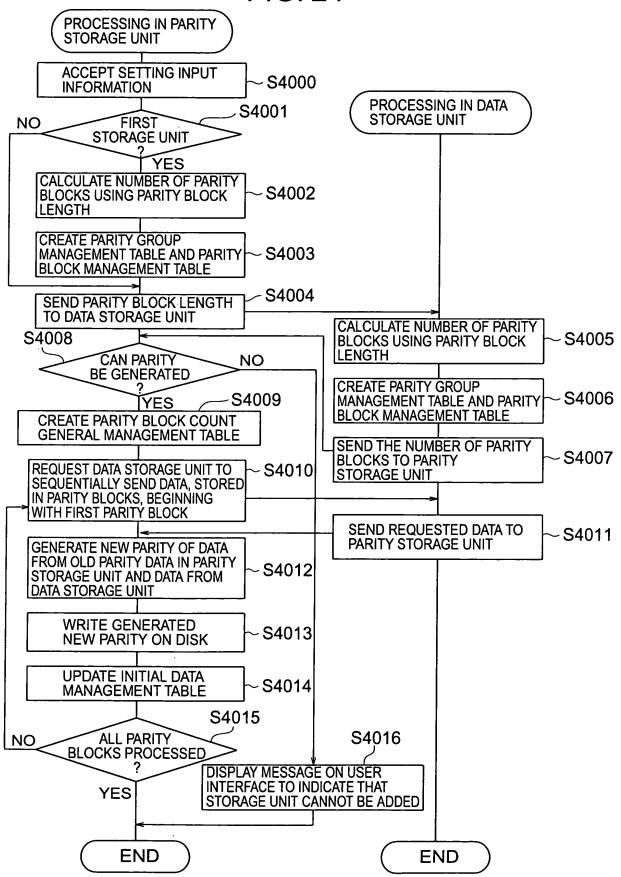


FIG. 25

ASYNCHRONOUS METHOD PARITY G				
CURRENT CONFIGURATION	_			
PARITY STORAGE UNIT	PARITY STORAGE UNIT STORA			
DATA STORAGE UNITS	STORAGE UNIT 1, STORAGE UNIT 2			
PARITY BLOCK LENGTH	512 BYTES			
DATA STORAGE UNIT TO BE	DATA STORAGE UNIT TO BE ADDED			
INITIALIZATION METHOD	INITIALIZATION METHOD			
DATA STORAGE UNIT TO BE	DATA STORAGE UNIT TO BE DELETED			
		OK		Cancel

FIG. 26

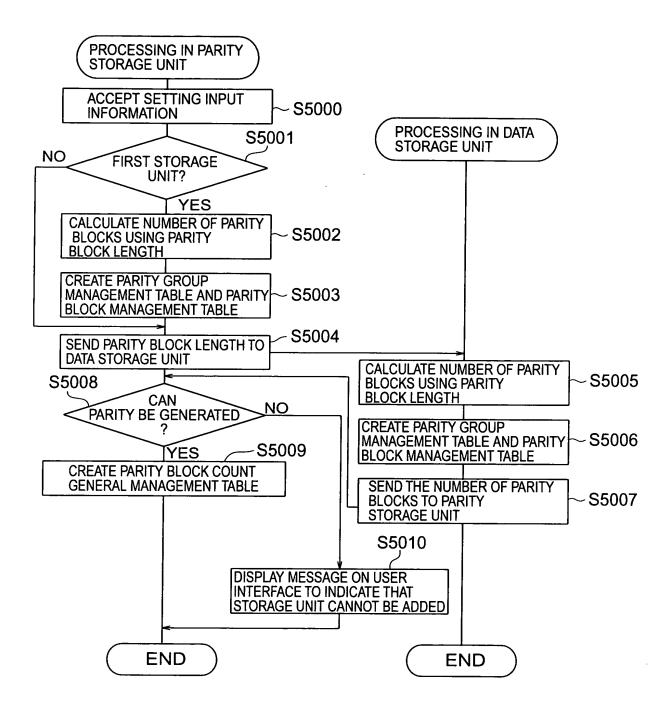
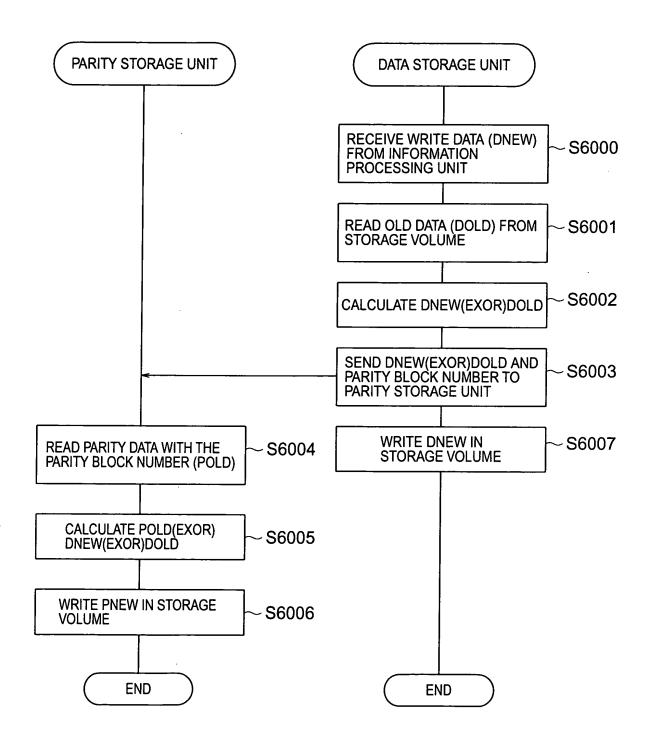


FIG. 27



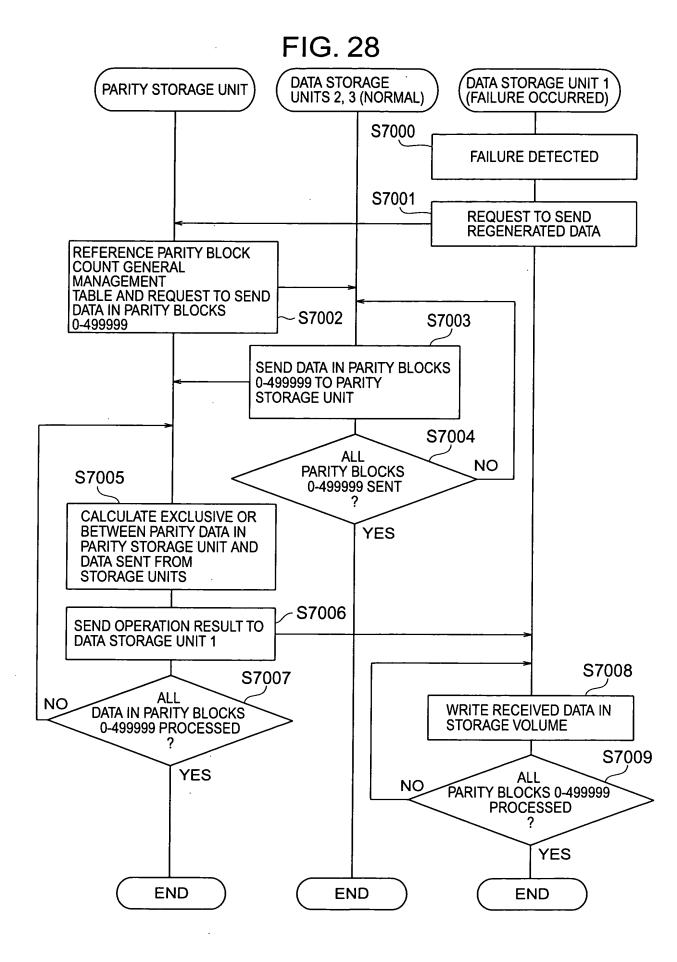
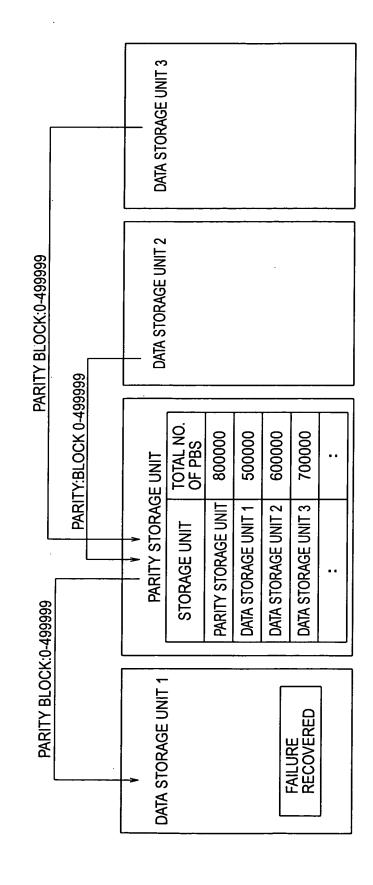


FIG. 29



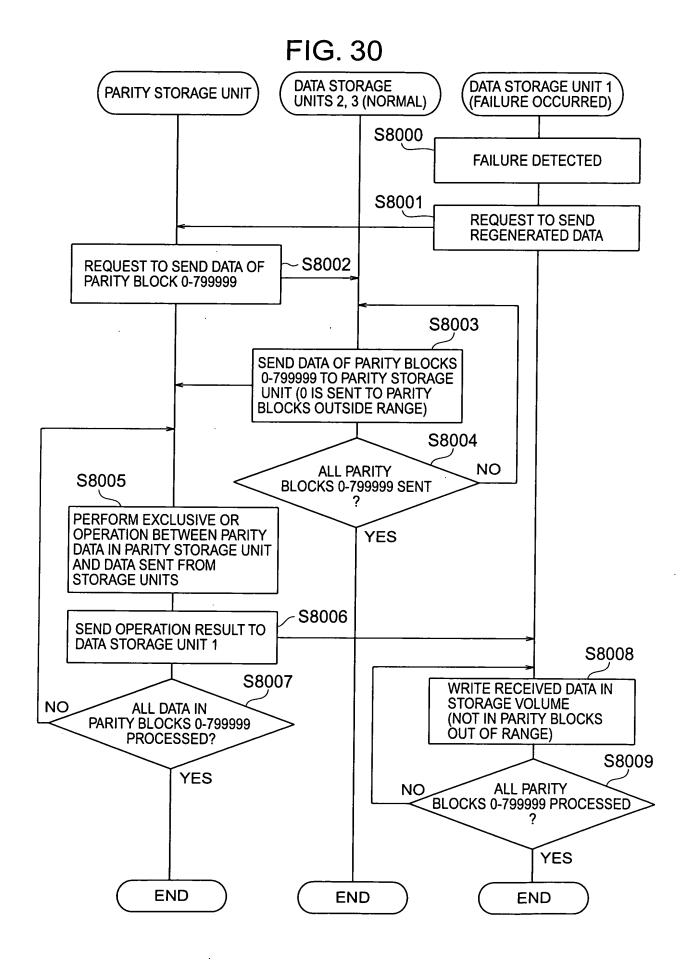


FIG 31

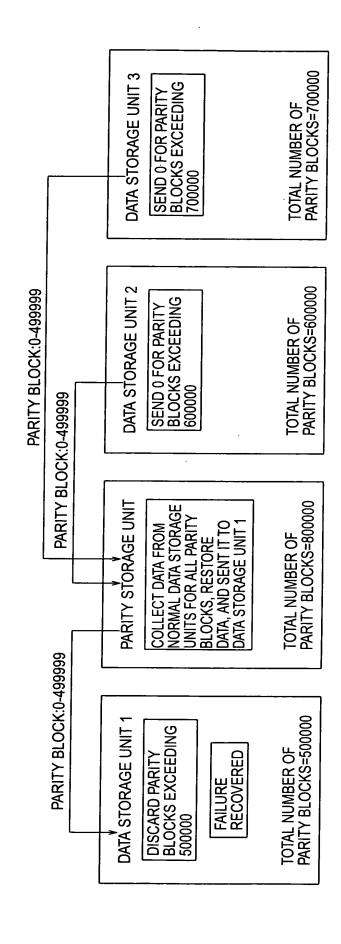


FIG. 32

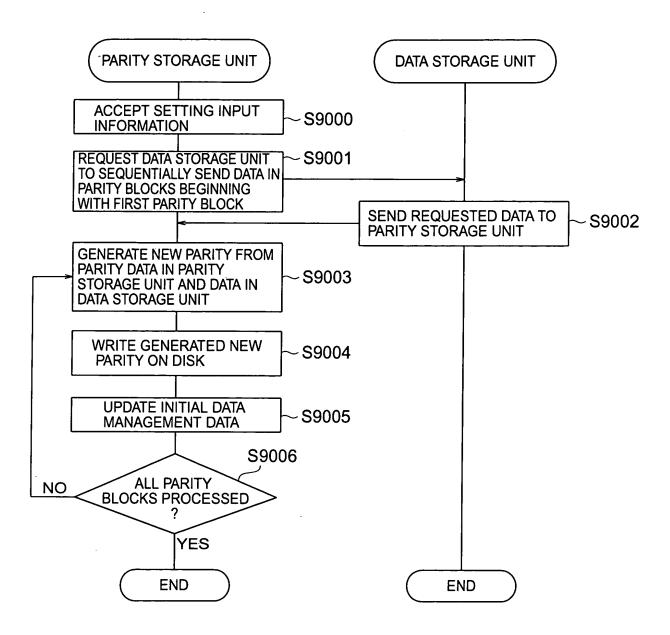


FIG. 33

PARITY BLOCK STATUS INFORMATION	DATA
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